

08-01-06

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
**or Fax** (571)-273-2885

**RECEIVED  
JUL 31 2006  
USPTO**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated. **REMAINDER** directed below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

47653 7590 05/02/2006  
**DAVID E. HUANG, ESQ.**  
 BAINWOOD HUANG AND ASSOCIATES LLC  
 2 CONNECTOR ROAD  
 WESTBOROUGH, MA 01581  
 08/02/2006 SFELEKE2 00000030 09877810

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP  
 03 FC:8001 30.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09877,810	06/07/2001	Jonathan J. Barrow	EMC-01-087 02-25	1207

TITLE OF INVENTION: DATA STORAGE SYSTEM WITH INTEGRATED SWITCHING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/02/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TAYLOR, NICHOLAS R	2141	709-224000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

BainwoodHuang

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE  
EMC CORPORATION(B) RESIDENCE: (CITY and STATE OR COUNTRY)  
HOPKINTON, MASSACHUSETTSPlease check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 10

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-3661 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date July 31, 2006

Typed or printed name

David E. Huang, Esq.

Registration No. 39,229

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



DATE OF NOTICE OF ALLOWABILITY: May 2, 2006

ATTORNEY DOCKET NO.: EMC02-25

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan J. Barrow and Frederick M. Rymsha  
Serial No.: 09/877,810  
For: DATA STORAGE SYSTEM WITH INTEGRATED SWITCHING  
Filing Date: June 7, 2001  
Examiner: Taylor, Nicholas R.  
Art Unit: 2141  
Conf. No.: 1207

Old Docket No.: EMC02-25(01087)

New Docket No.: EMC02-25

---

Certificate of Express Mail Under 37 C.F.R. §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: **MAIL STOP ISSUE FEE**, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: July 31, 2006

By: Lynn F. McMiller

(Typed or printed name of person mailing Document, whose signature appears below)

Express Mail Mailing  
Label No.: EV 841 784 211 US

Signature: Lynn F. McMiller

---

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
PO Box 1450, Alexandria  
Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed is/are:

- Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- Part B – Issue Fee Transmittal (1 page, in duplicate), Total Pages: 2;
- Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- Authorization to charge Deposit Account No. 50-3661;
- Check in the amount of \$1730.00 to cover Issue Fee, Advance Order of 10 Copies, and Publication Fee.

- 2 -

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-3661.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 616-2900, in Westborough, Massachusetts.

Respectfully submitted,



David E. Huang, Esq.  
Attorney for Applicants  
Registration No.: 39,229  
Bainwood, Huang & Associates, L.L.C.  
Highpoint Center  
2 Connector Road  
Westborough, Massachusetts 01581  
United States of America  
Telephone: (508) 616-2900  
Facsimile: (508) 366-4688

Attorney Docket No.: EMC02-25

Dated: July 31, 2006